IN THE CLAIMS:

1. (PREVIOUSLY AMENDED) A method for making a film for use with a heat transfer component comprising the steps of:

applying a plurality of polar particulates to a surface of a film;

then adhering said plurality of polar particulates to said surface of said film; and

then adding said film to said heat transfer component.

2. (ORIGINAL) The method as recited in claim 1 wherein said film is thermoplastic.

3. (PREVIOUSLY AMENDED) The method as recited in claim 2 further comprising the steps of:

heating said film before the step of applying said plurality of polar particulates; and

cooling said film after the step of adhering said plurality of polar particulates.

4. (PREVIOUSLY AMENDED) The method as recited in claim 3 wherein the step of adhering said plurality of polar particulates comprises embedding said plurality of polar particulates into said surface of said film by a roller assembly.

5. (PREVIOUSLY AMENDED) The method as recited in claim 1 further including the step of applying an adhesive substance to said surface of said film, and wherein the step of adhering said plurality of polar particulates comprises pressing said plurality of polar particulates into said adhesive substance.

6. (CANCELLED)

7. (PREVIOUSLY AMENDED) The method as recited in claim 1 further comprising the step of coating an outer surface of said plurality of polar particulates with a coating.

8. (WITHDRAWN) A film to improve wettability of a surface within a heat exchanger comprising:

a film substrate having a first surface; and

a plurality of polar particulates adhered to said first surface of said film substrate.

9. (WITHDRAWN) The film as recited in claim 8 wherein said film substrate is thermoplastic.

10. (WITHDRAWN) The film as recited in claim 9 wherein said film substrate is heated, and said plurality of polar particulates is adhered to said first surface of said film substrate by embedding said plurality of polar particulates into said heated first surface of said film substrate.

11. (WITHDRAWN) The film as recited in claim 8 wherein said plurality of polar particulates is adhered to said first surface of said film substrate by an adhesive substance applied on said first surface of said film substrate.

12. (WITHDRAWN) The film as recited in claim 8 wherein said plurality of polar particulates is adhered to said first surface of said film substrate by a mixture of reactants applied on said first surface of said film substrate.

13. (WITHDRAWN) The film as recited in claim 8 wherein a material coats an outer surface of said plurality of polar particulates to enhance adhesion of said plurality of polar particulates to said first surface of said film substrate.

14. (WITHDRAWN) A heat exchanger assembly comprising:

a plurality of condensing flow passages having a metal surface; and

a film to improve wettability of said metal surface of said heat exchanger including a film substrate having a first surface and a second surface adhered to said metal surface, and a plurality of polar particulates adhered to said first surface of said film substrate.

15. (WITHDRAWN) The assembly as recited in claim 14 wherein said film substrate is thermoplastic.

16. (WITHDRAWN) The assembly as recited in claim 15 wherein said film substrate is heated and said plurality of polar particulates is adhered to said first surface of said film substrate by embedding said plurality of polar particulates into said heated first surface of said film substrate.

17. (WITHDRAWN) The assembly as recited in claim 14 wherein said plurality of polar particulates is adhered to said first surface of said film substrate by an adhesive substance applied on said first surface of said film substrate.

B2 18. (WITHDRAWN) The assembly as recited in claim 14 wherein said plurality of polar particulates is adhered to said first surface of said film substrate by a mixture of reactants applied on said first surface of said film substrate.

19. (WITHDRAWN) The assembly as recited in claim 14 wherein a material coats an outer surface of said plurality of polar particulates to enhance adhesion of said plurality of polar particulates to said first surface of said film substrate.

20. (PREVIOUSLY ADDED) The method as recited in claim 1 wherein said plurality of polar particulates are one of alumina, silica, zirconia, wollastonite, talc, and titanium dioxide.

21. (PREVIOUSLY ADDED) The method as recited in claim 1 wherein said plurality of polar particulates are one of alumina, zirconia, wollastonite, talc, and titanium dioxide.

22. (PREVIOUSLY ADDED) The method as recited in claim 1 wherein said film is one of polyolefin, polyester, polyetherketon, polyetheretherketone, polysulfone, polyethersulfone, polytetrafluoroethylene and fluorinatedhydrocarbon.

23. (PREVIOUSLY ADDED) The method as recited in claim 1 further including the step of providing a roller assembly, and said roller assembly is employed to adhere said plurality of polar particulates to said surface of said film.

24. (CANCELLED)

25. (PREVIOUSLY ADDED) The method as recited in claim 1 wherein said plurality of polar particulates is a germicide.

26. (PREVIOUSLY ADDED) The method as recited in claim 1 further including the step of employing said plurality of polar particles to increase a surface energy of said film.

27. (CURRENTLY AMENDED) A method for making a film for use with a heat transfer component comprising the steps of:

applying a plurality of polar particulates to a first surface of a film;

then adhering said plurality of polar particulates to said first surface of said film;

then adding said film to said heat transfer component; and

coating an outer surface of said plurality of polar particulates with maleic anhydride~~The method as recited in claim 7 wherein said coating is maleicanhydride~~.

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28. (PREVIOUSLY ADDED) The method as recited in claim 5 wherein the step of adhering said plurality of polar particulates includes employing a roller assembly.